

enantiomeric epoxide opens with water to give (-)- $\alpha$ -pinene and (-)- $\beta$ -pinene.

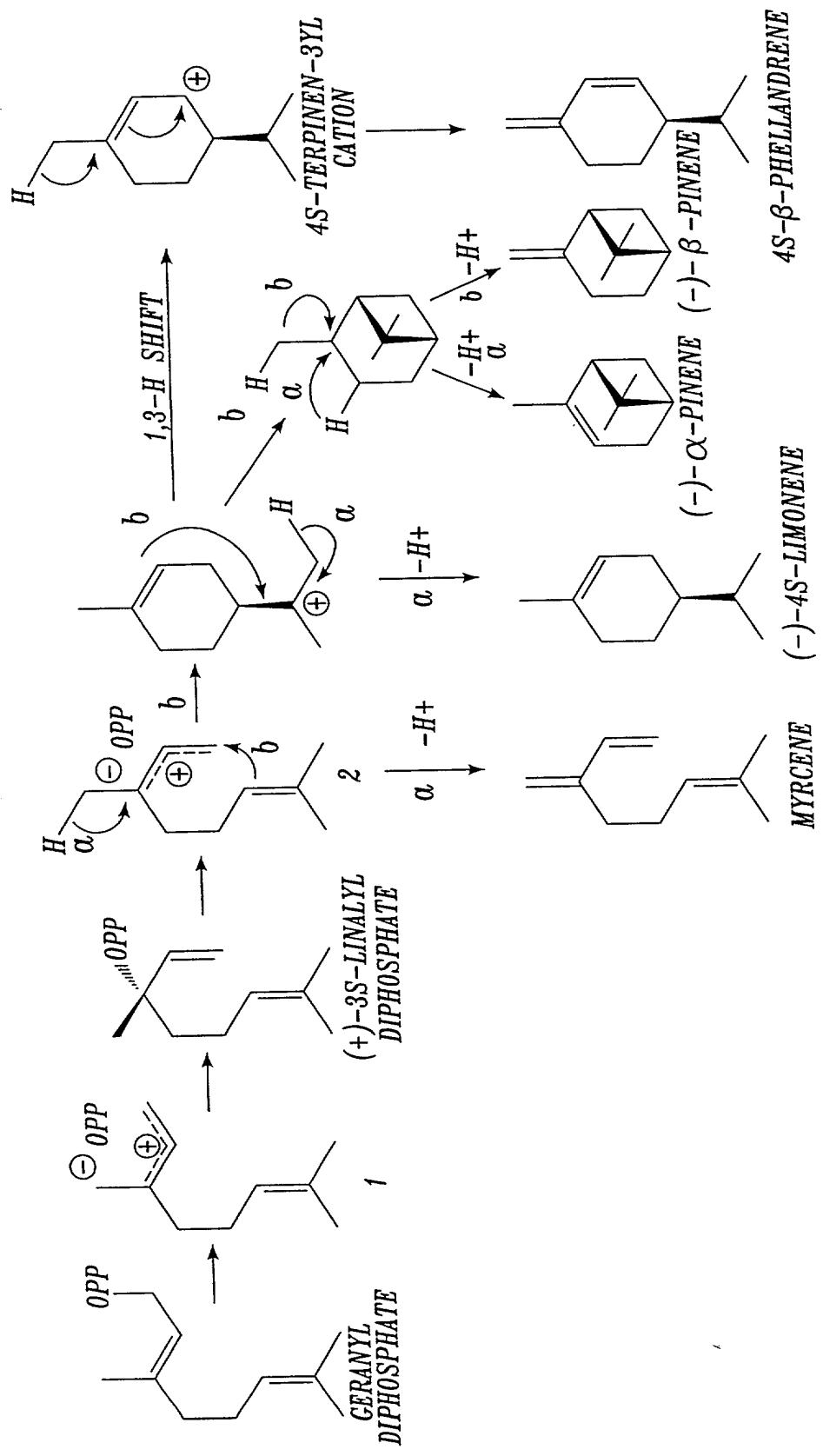
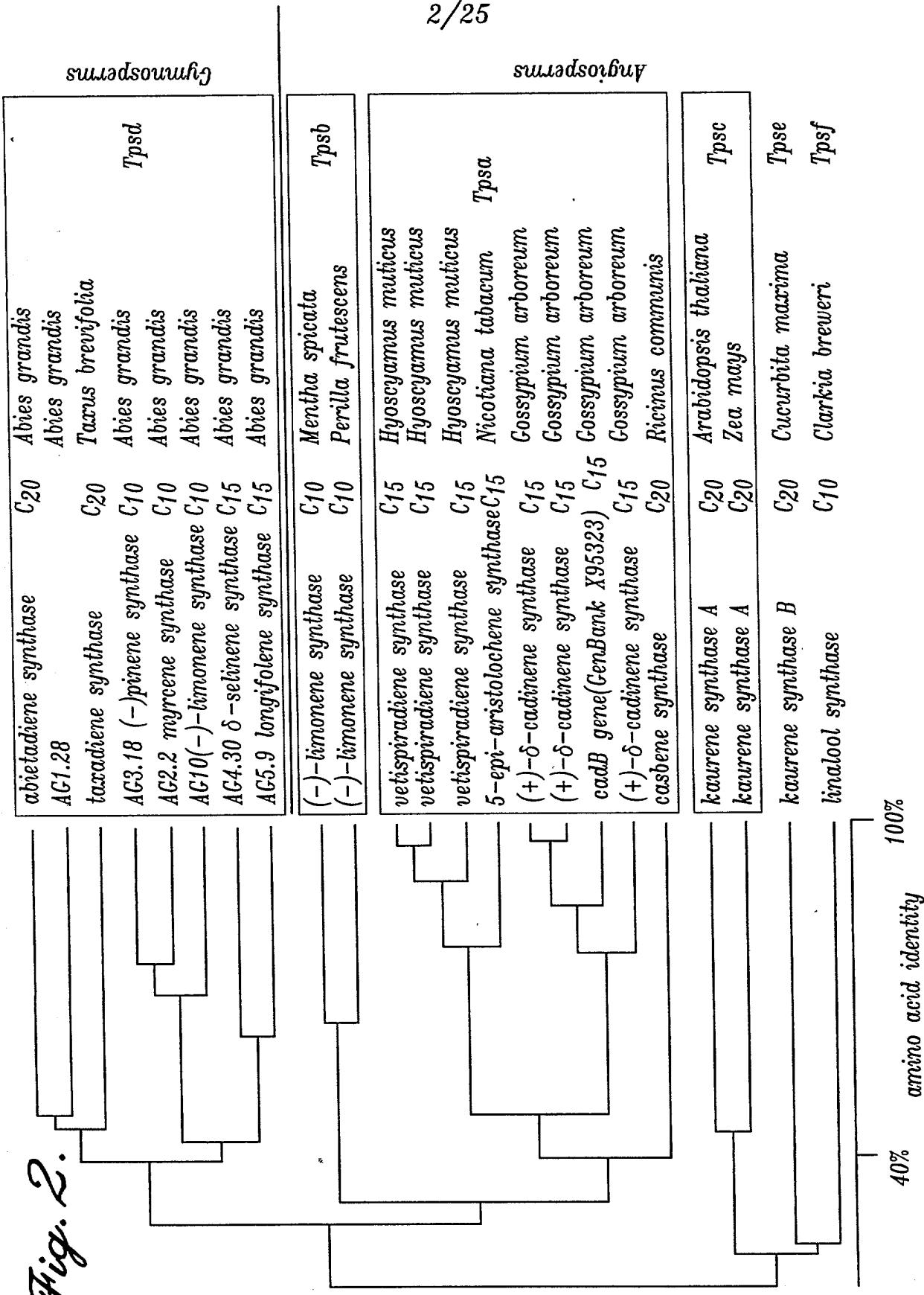


Fig. 1.

**Fig. 2.**

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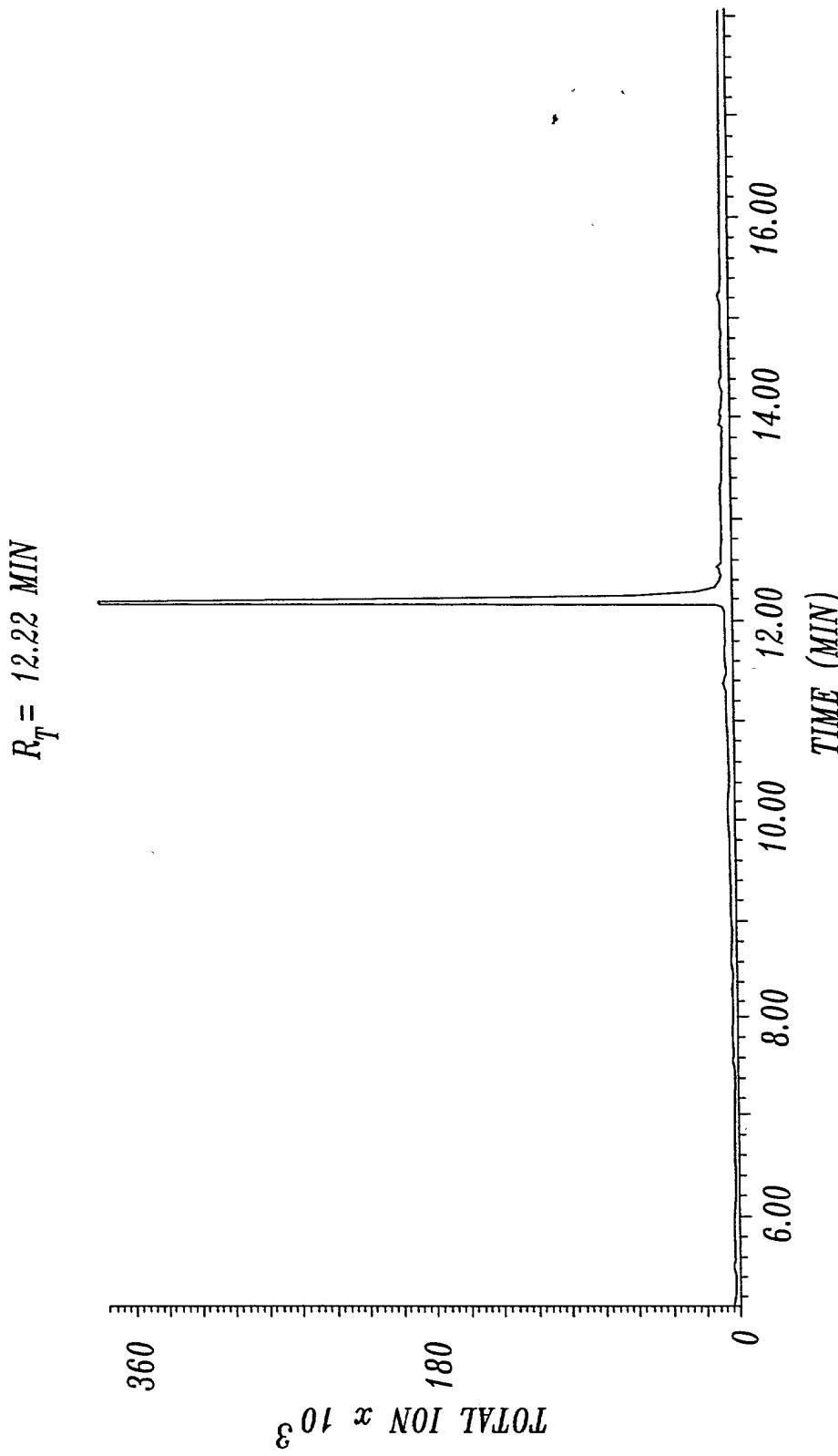


Fig. 3A.

100

93

RELATIVE ABUNDANCE

AC2.2 ENZYME PRODUCT  
( $R_T = 12.22 \text{ MIN}$ )

50

69

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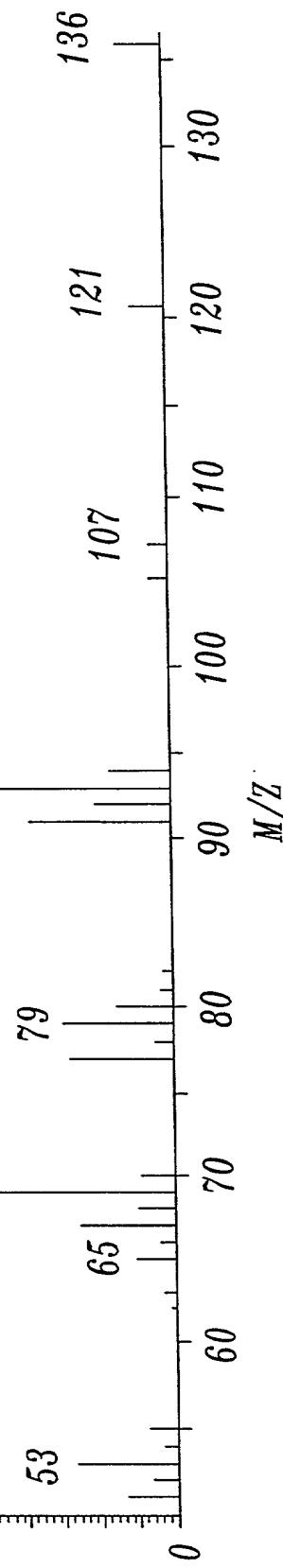


Fig. 3B.

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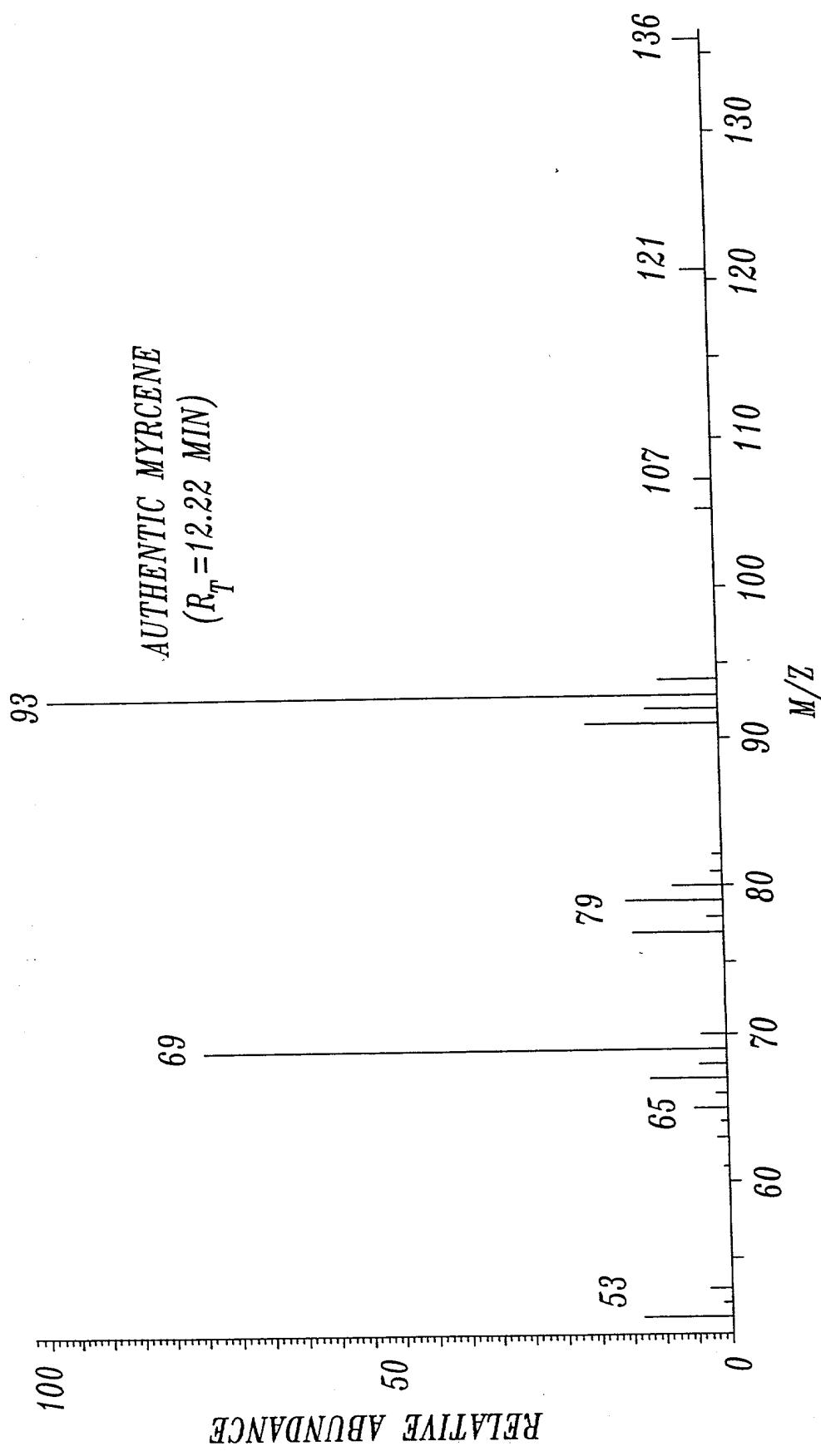


Fig. 3C.

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wave,  
wave, wave, wave, wave, wave, wave, wave, wave, wave, wave,

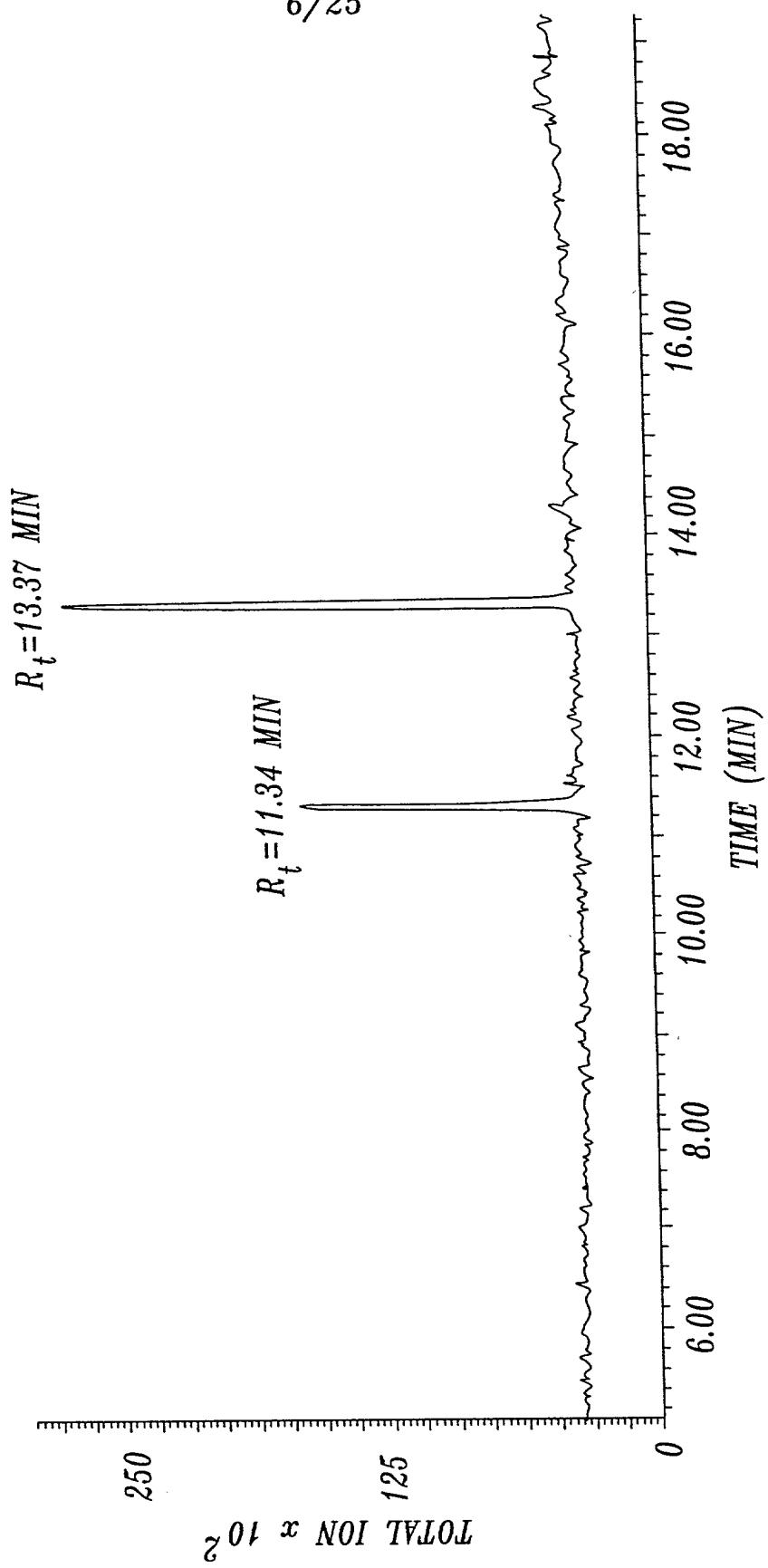


Fig. 4.A.

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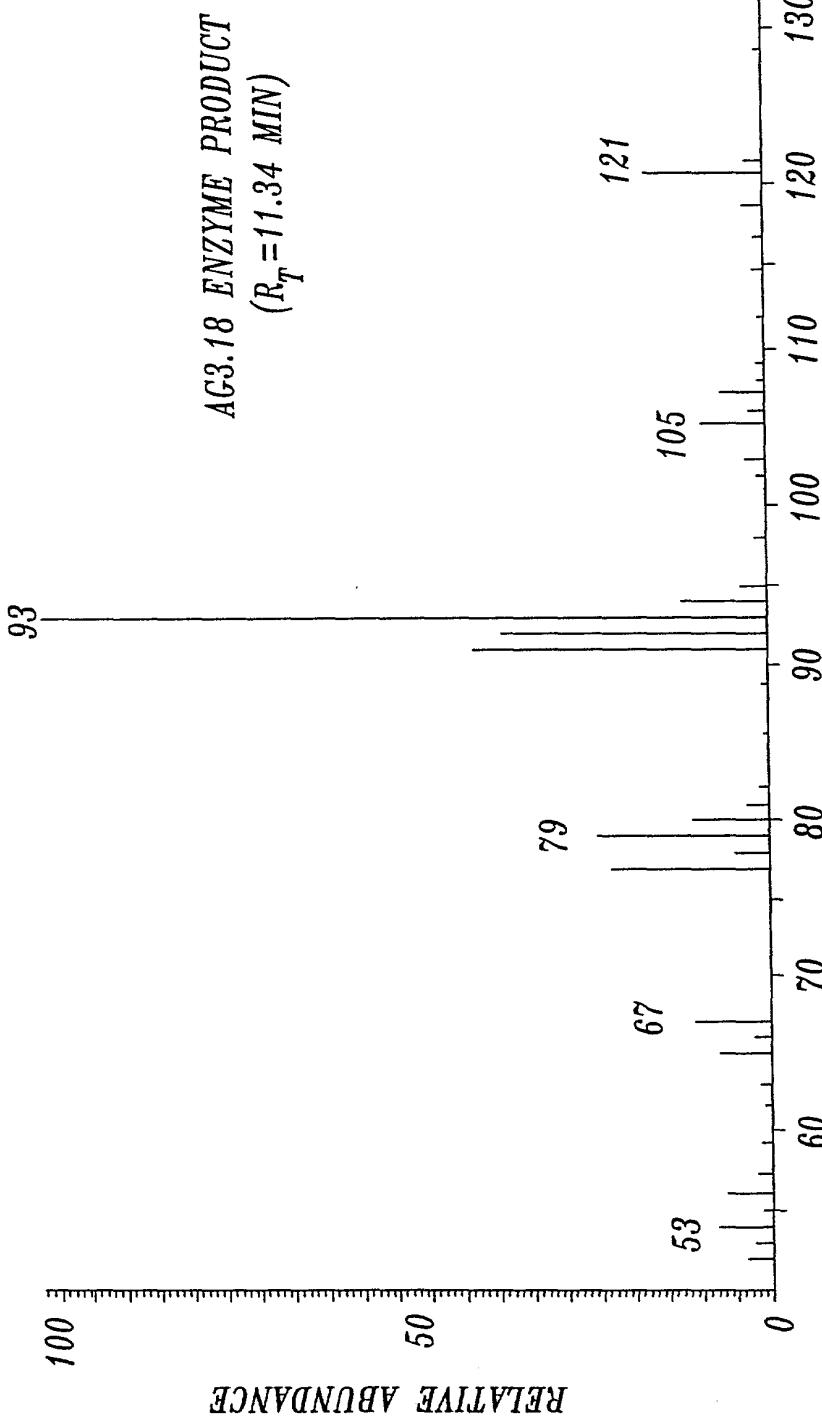


Fig. 4.B.

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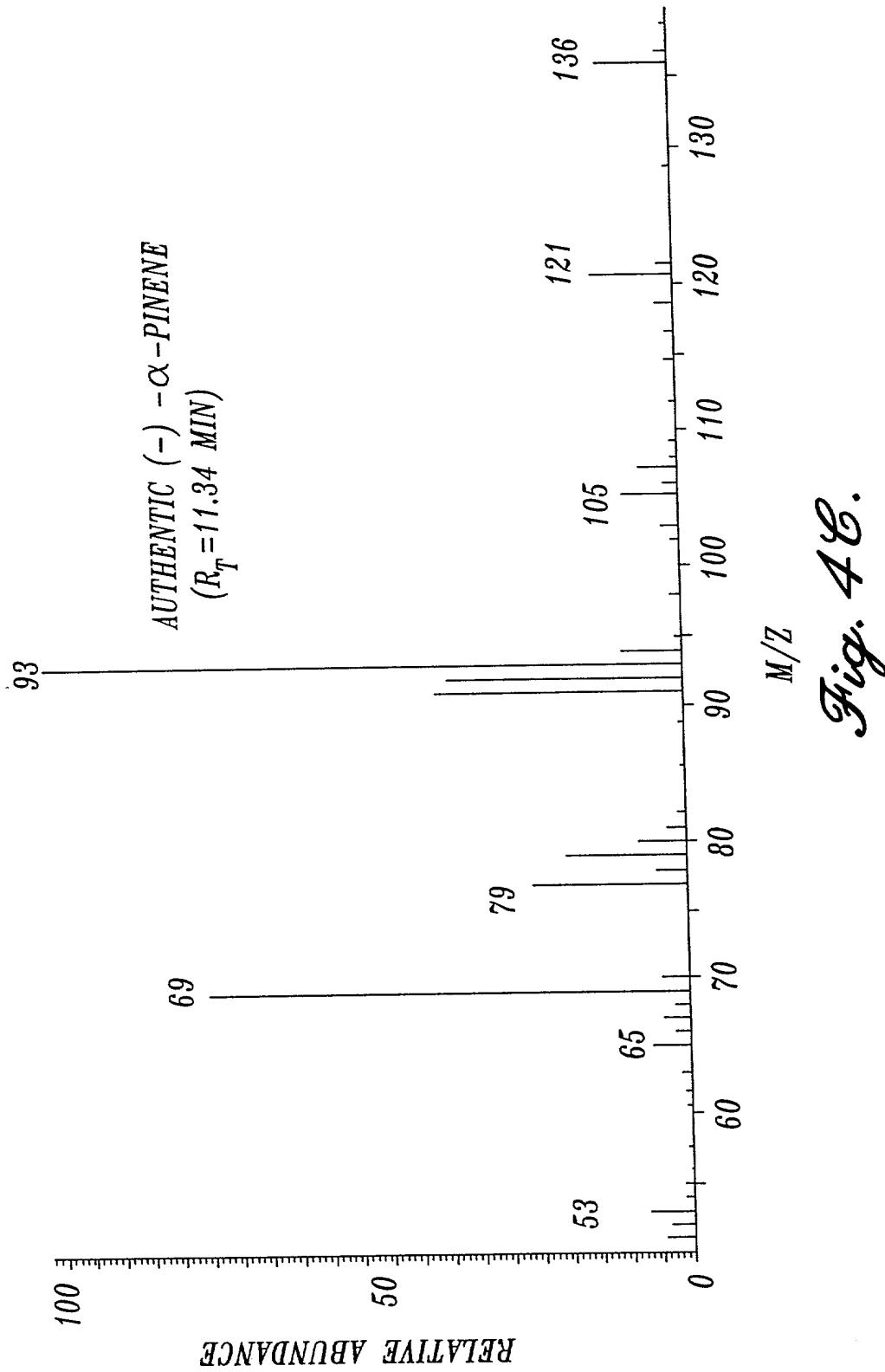


Fig. 4C.

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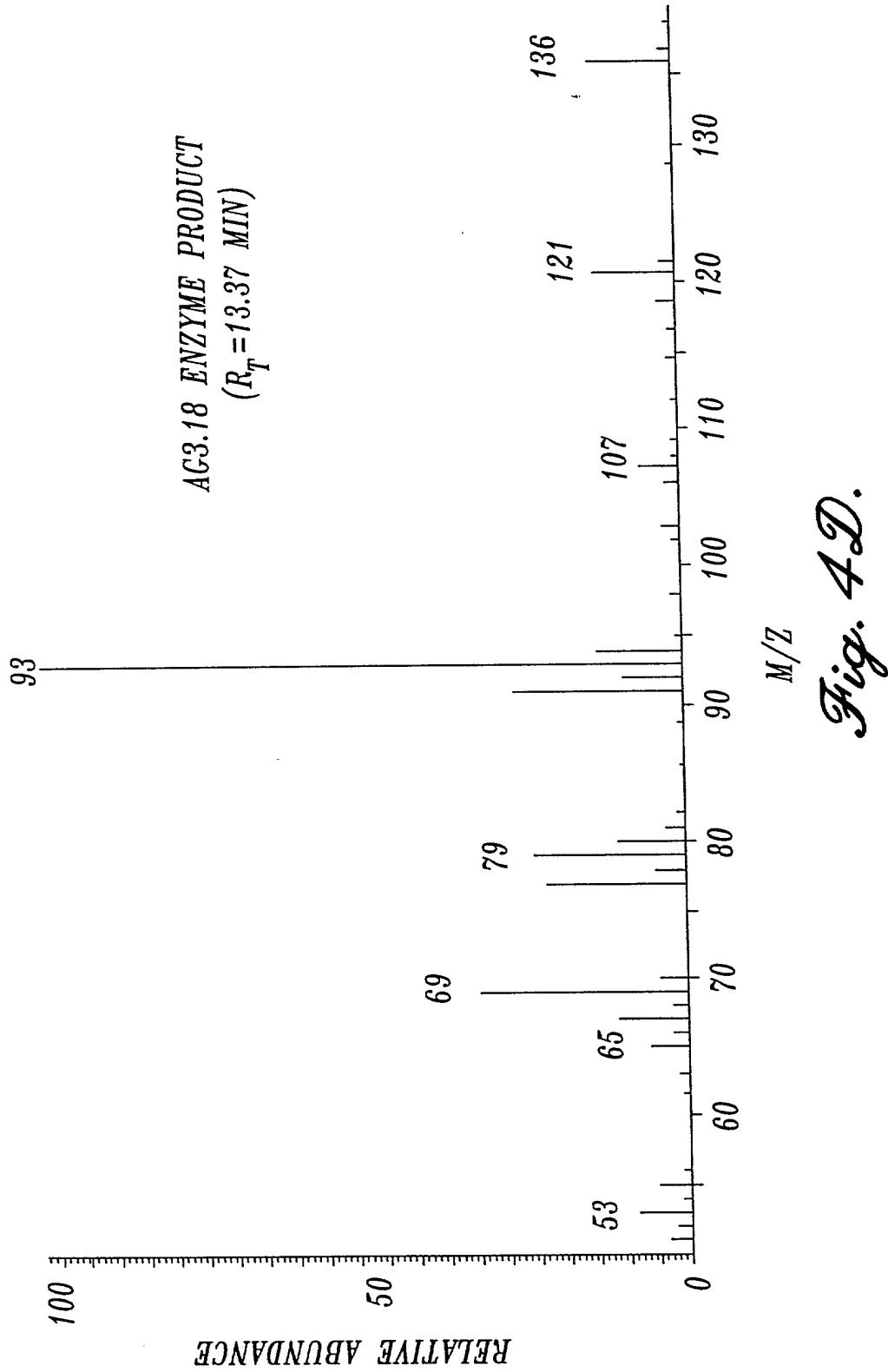


Fig. 4D.

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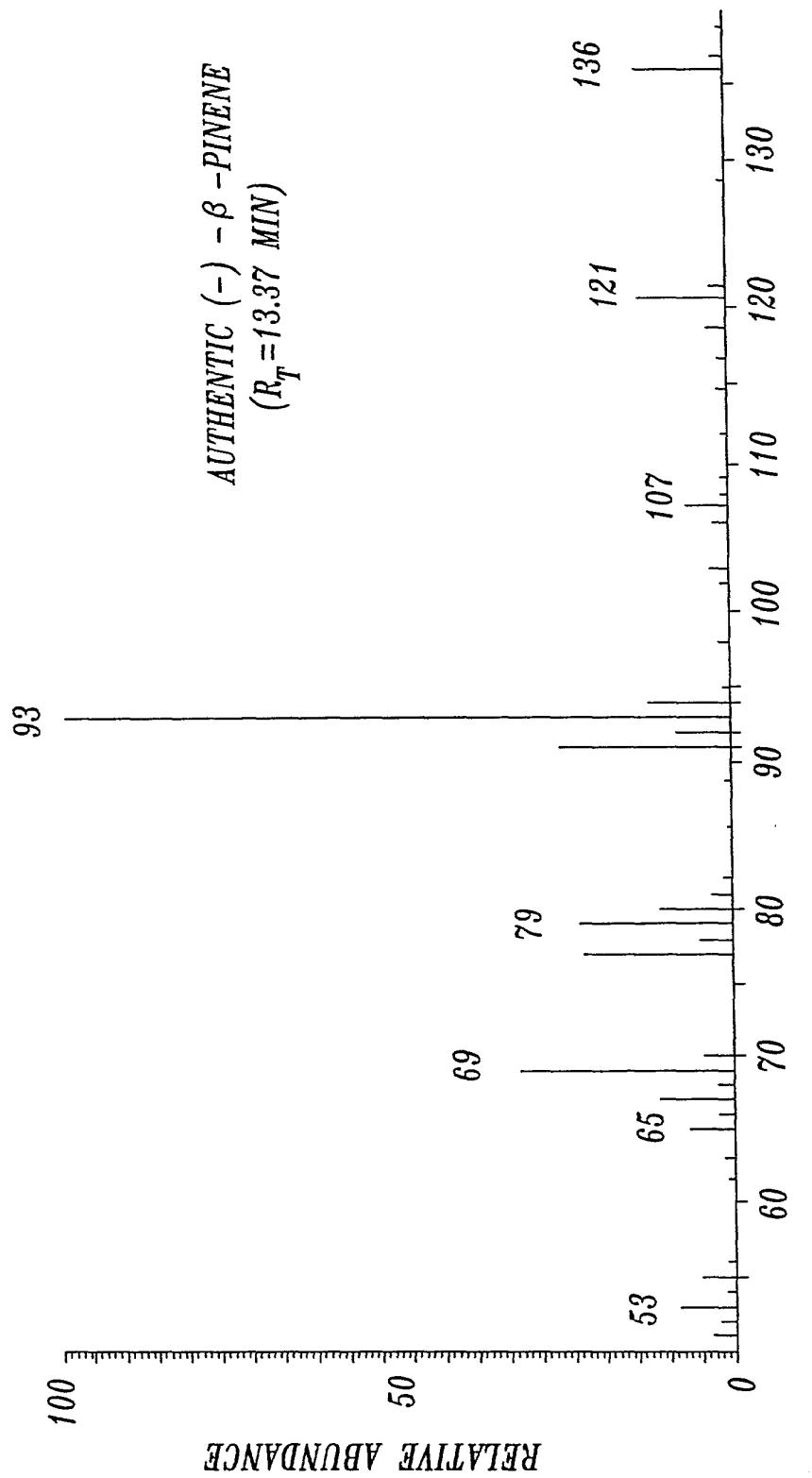


Fig. 4C.

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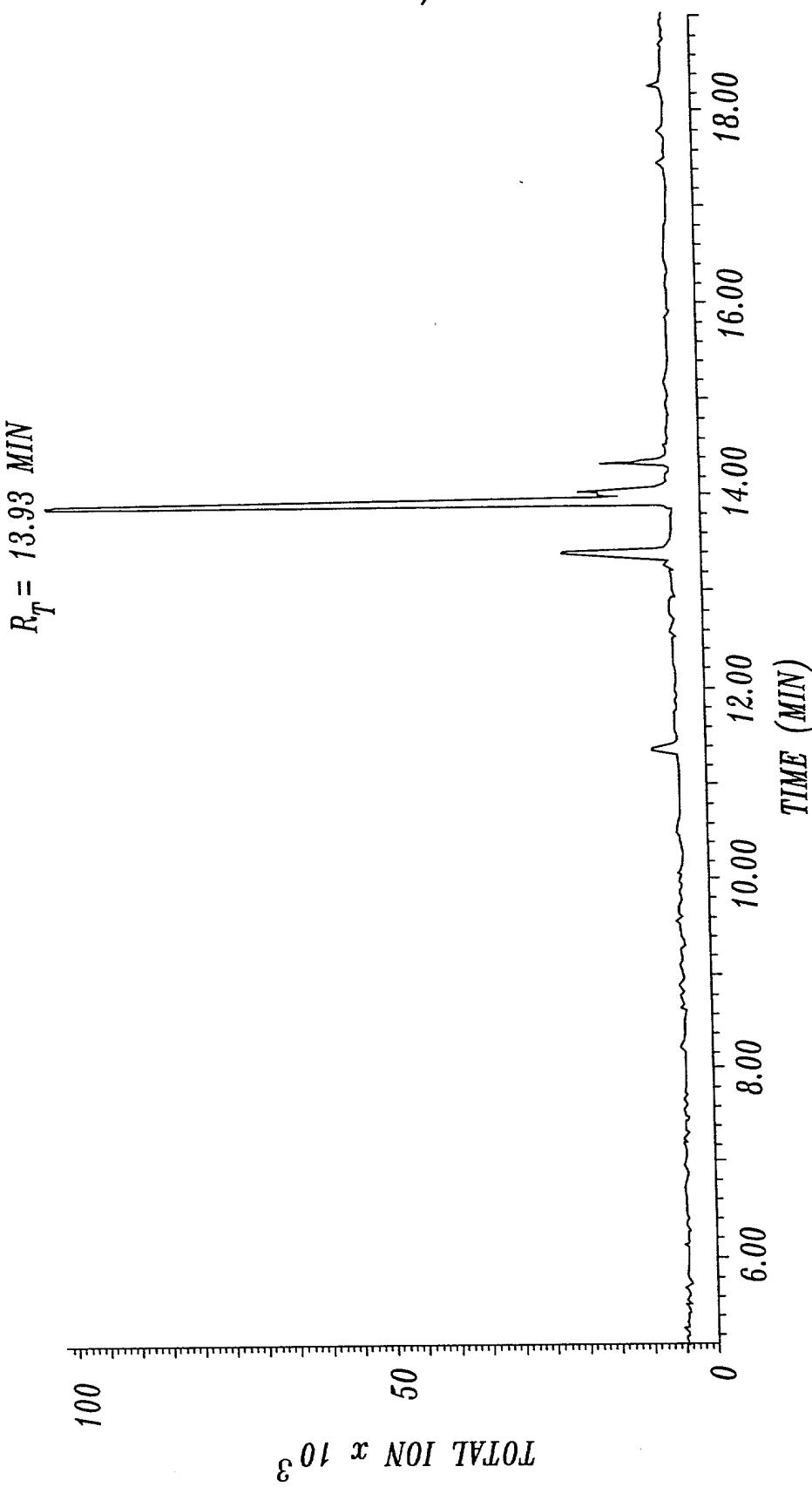


Fig. 5.A.

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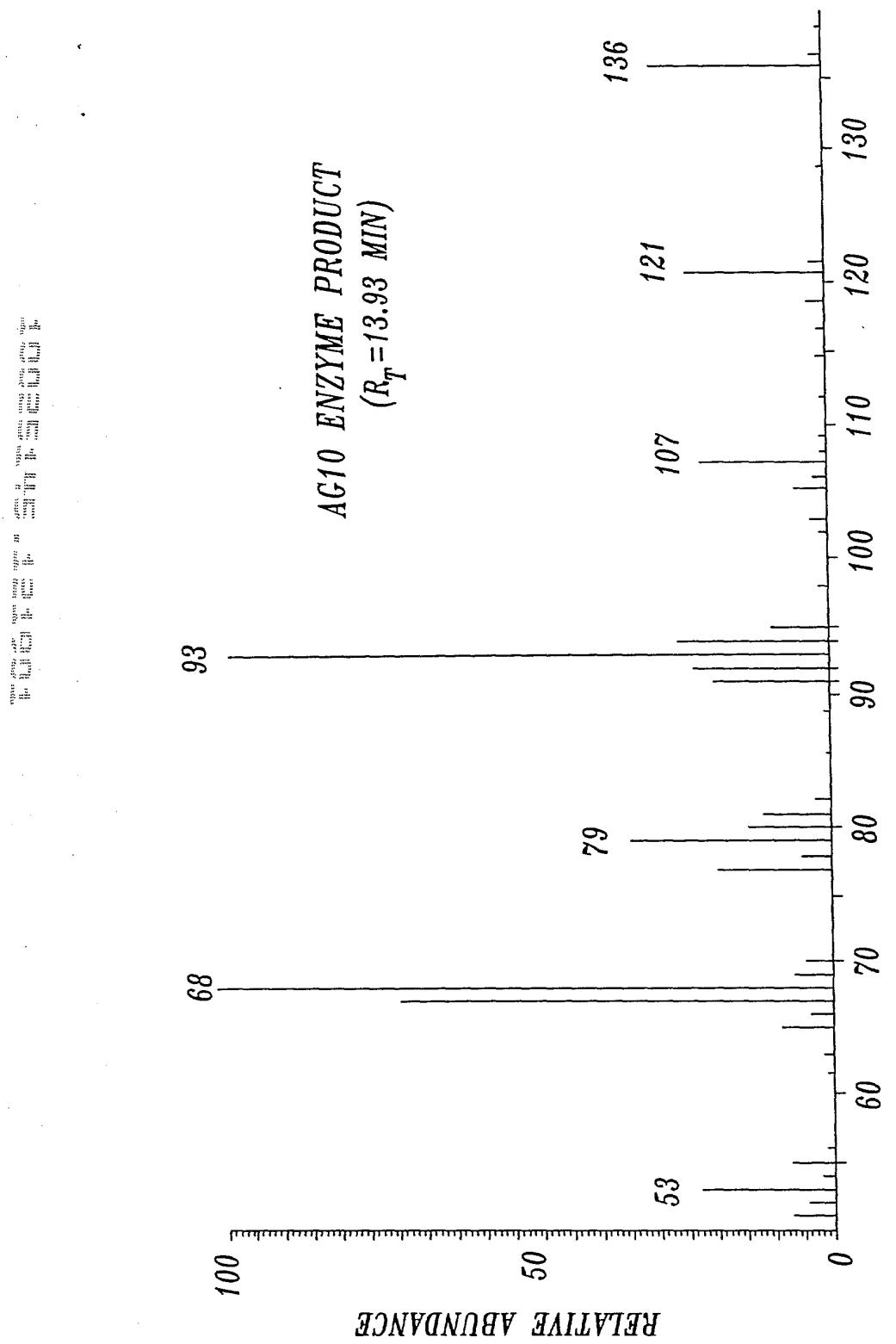


Fig. 5B.

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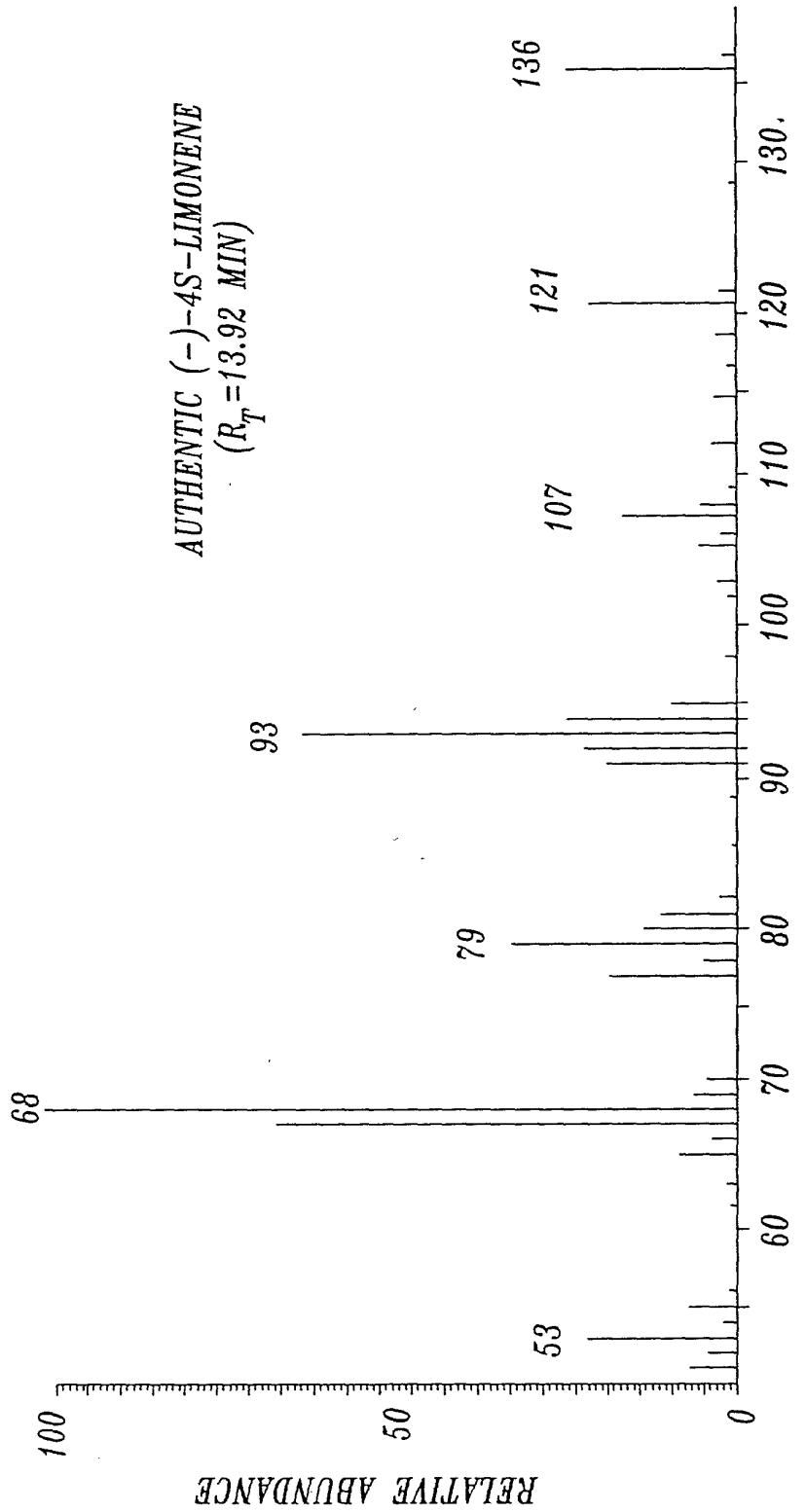


Fig. 5C.

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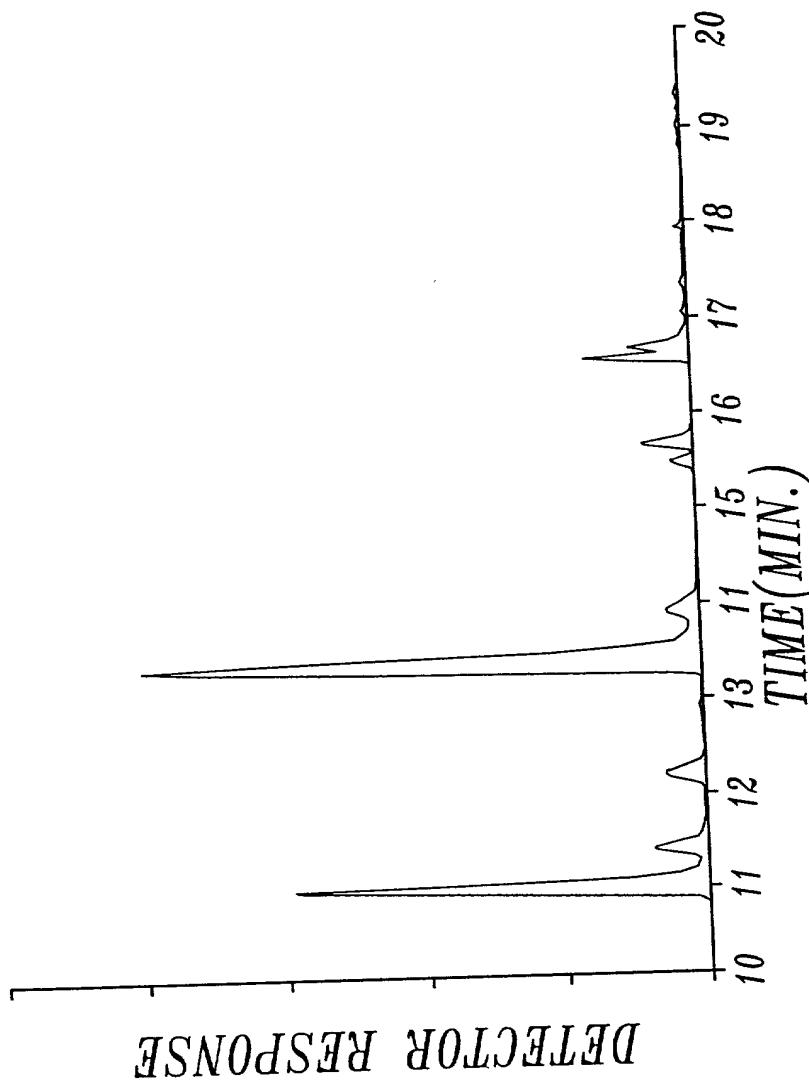


Fig. 6.d.

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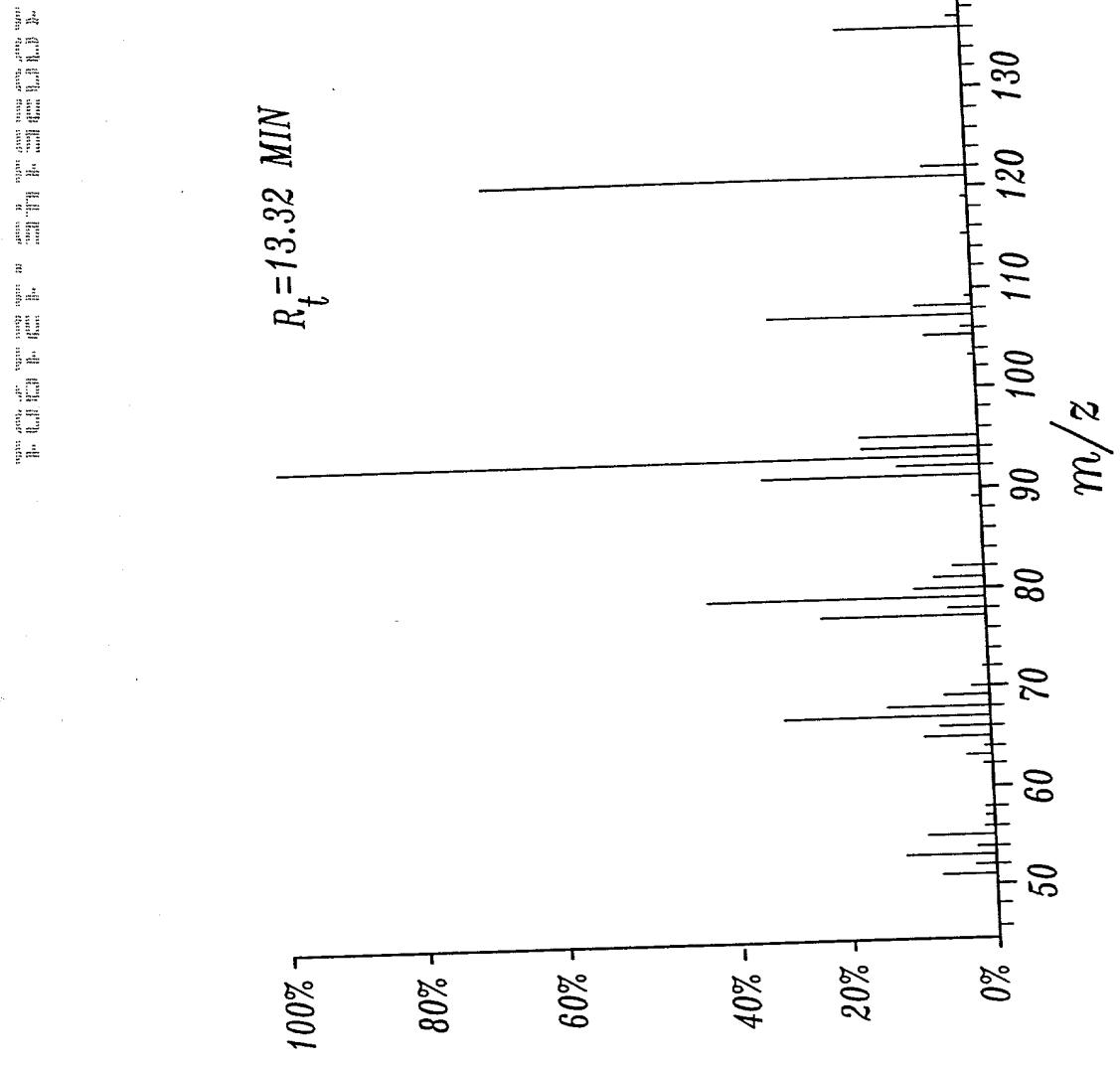


Fig. 6.B.

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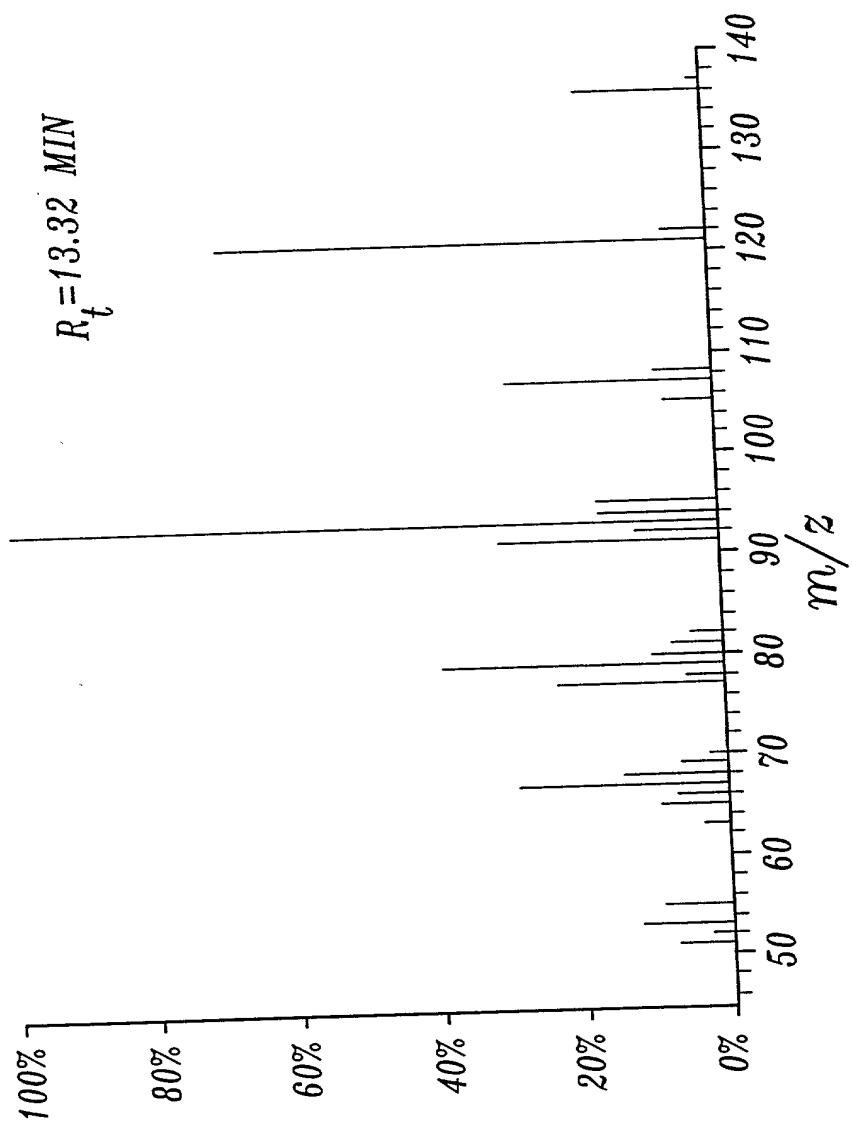


Fig. 6C.

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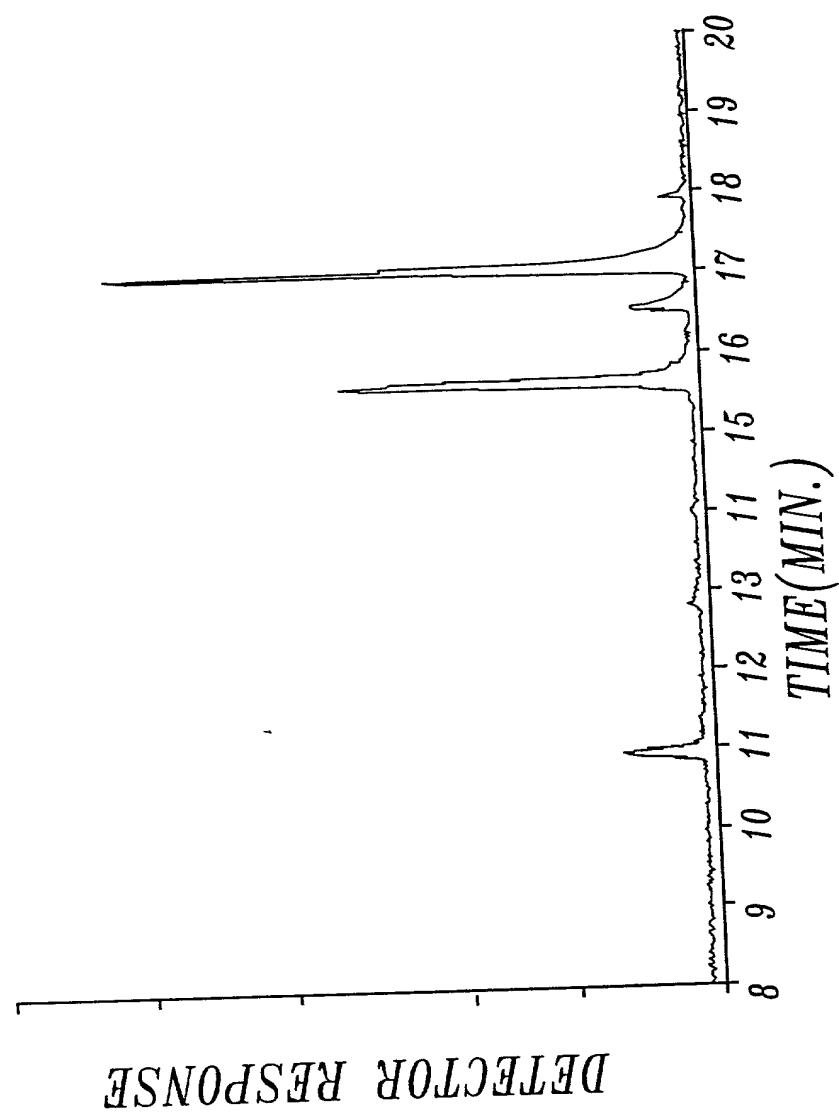


Fig. 7A.

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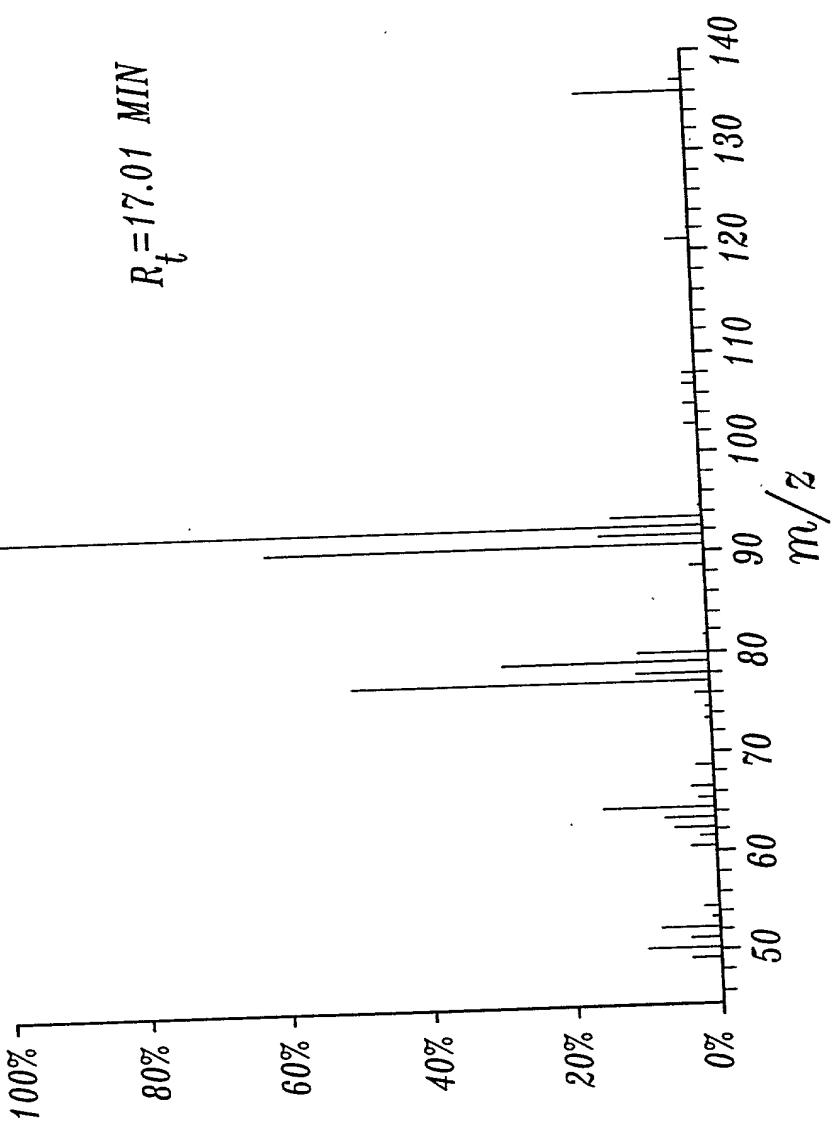


Fig. 7B.

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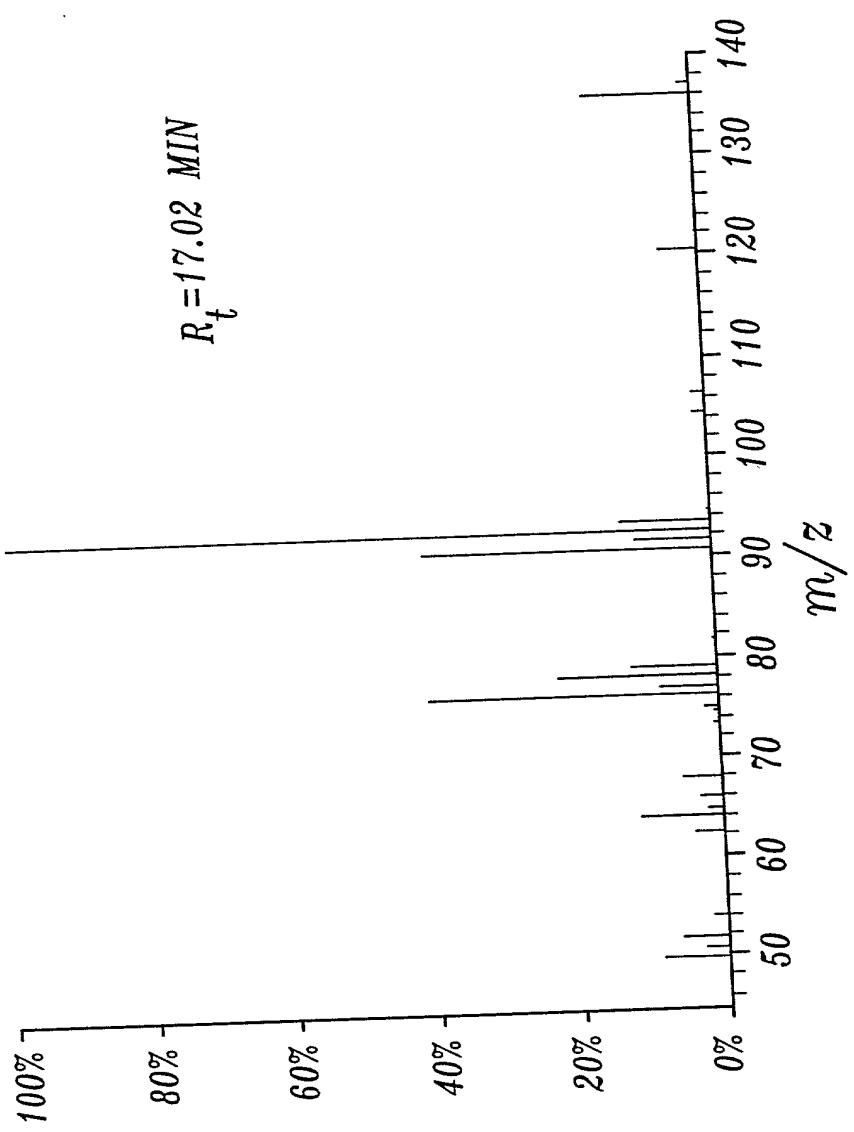


Fig. 7C.

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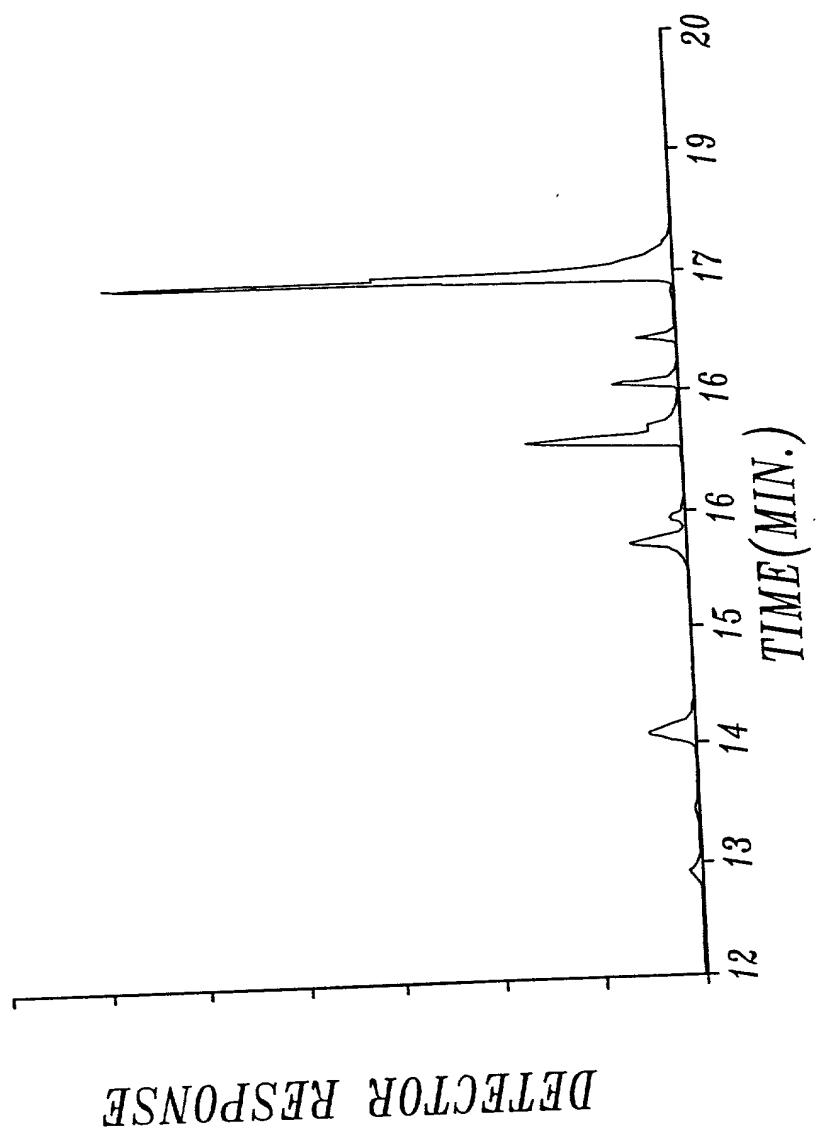


Fig. 8A.

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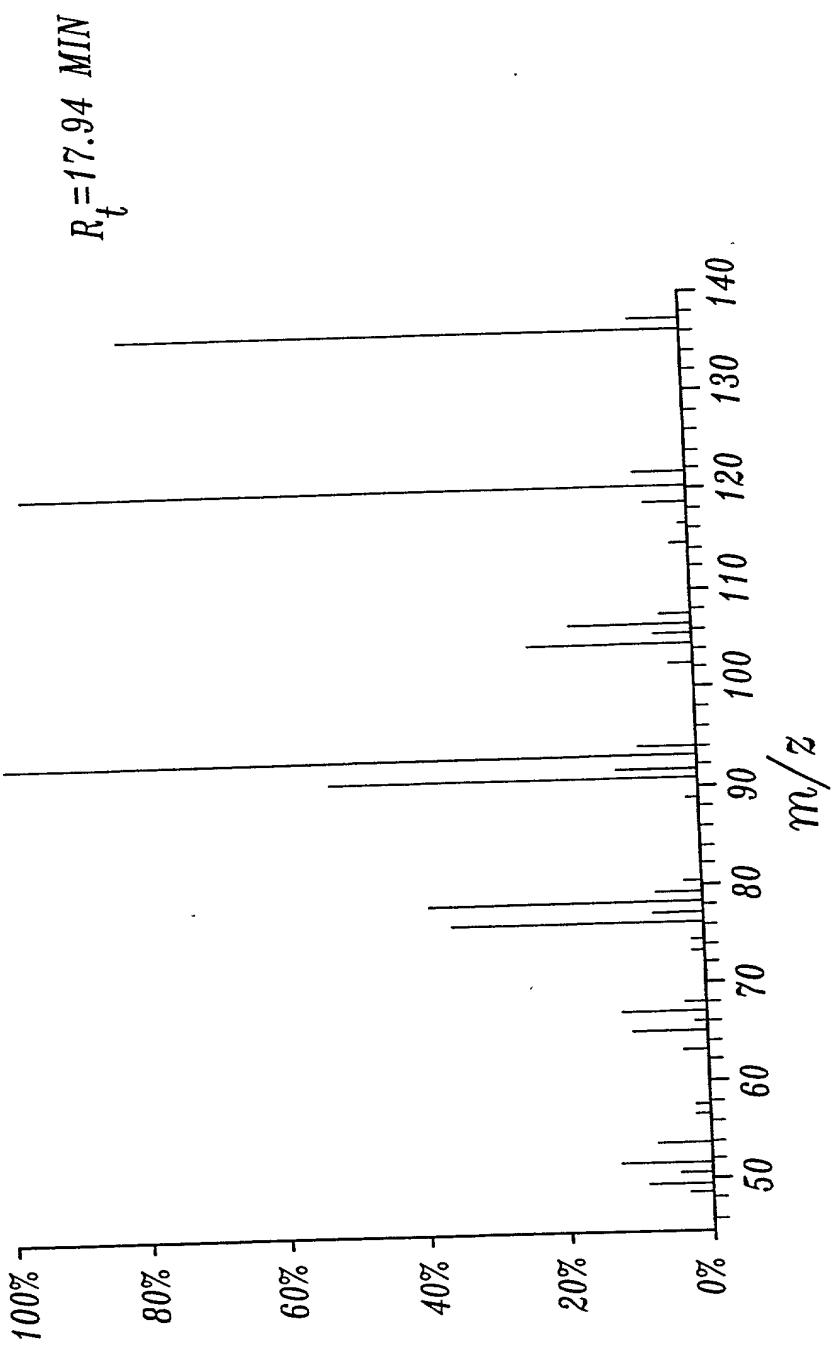


Fig. 8B.

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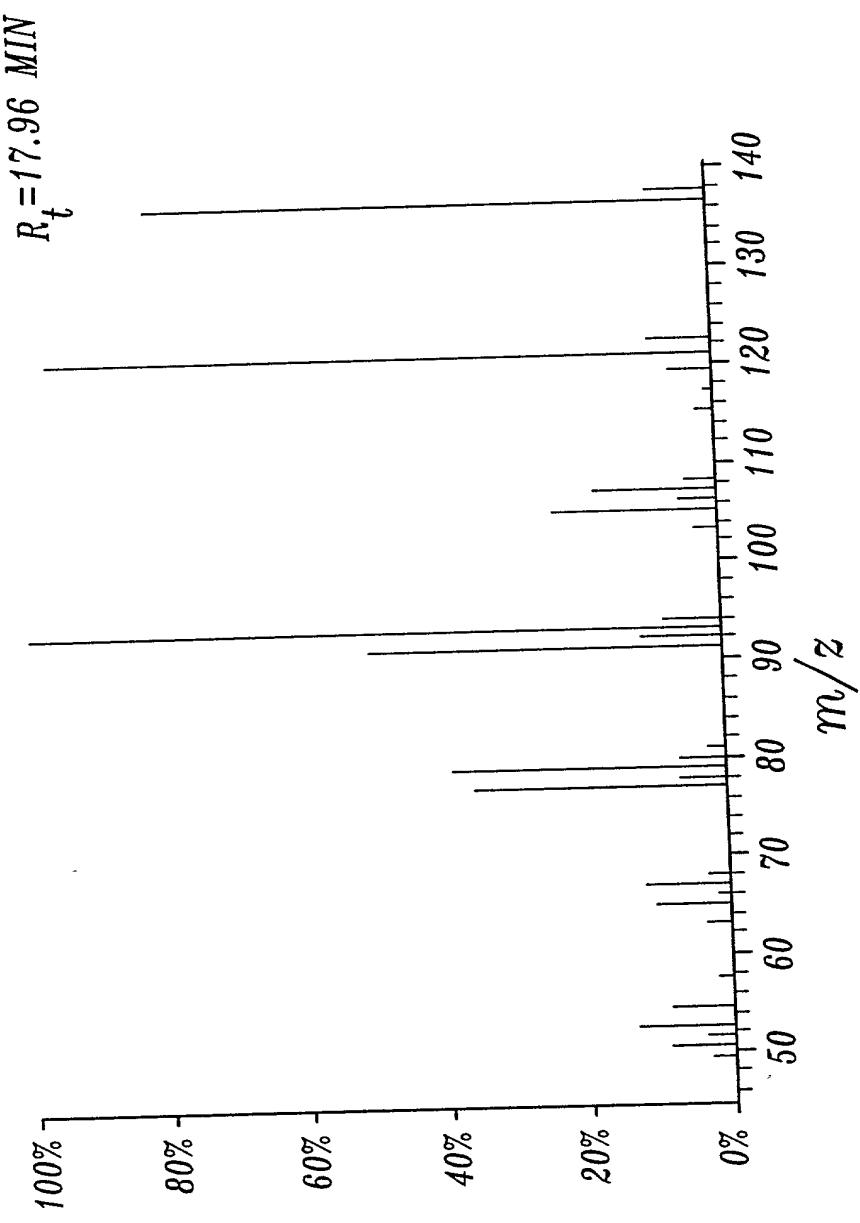


Fig. 8C.

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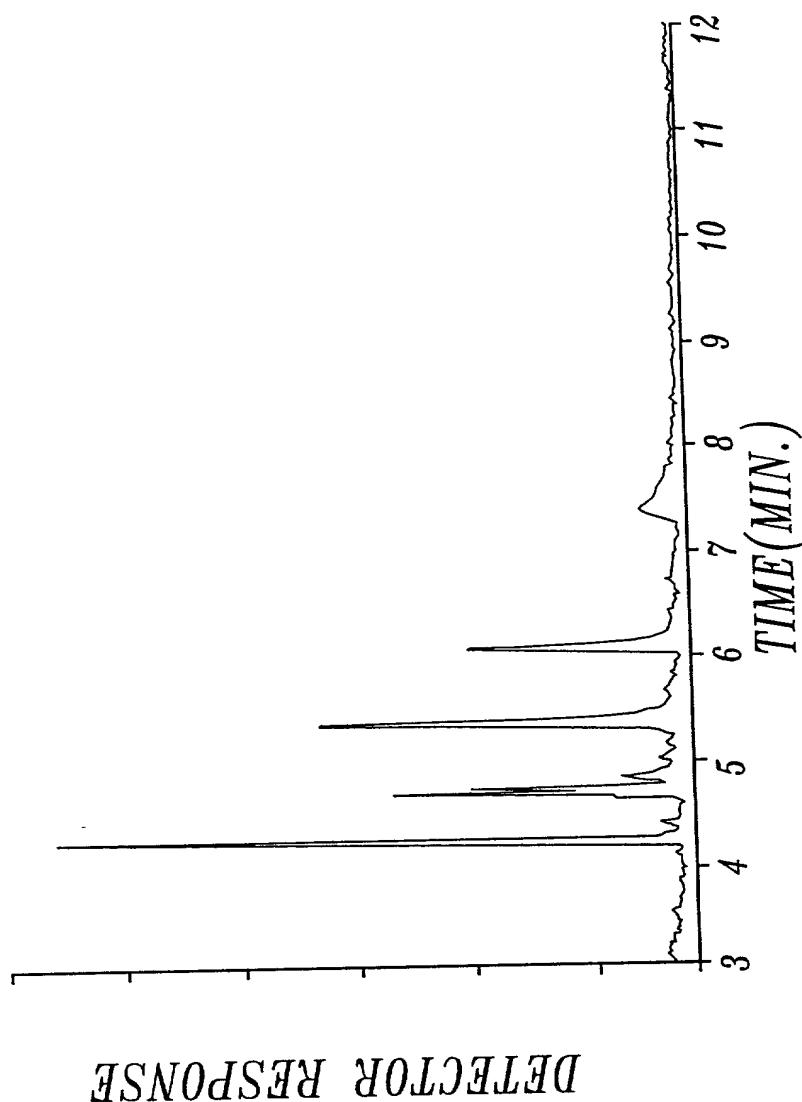


Fig. 9A.

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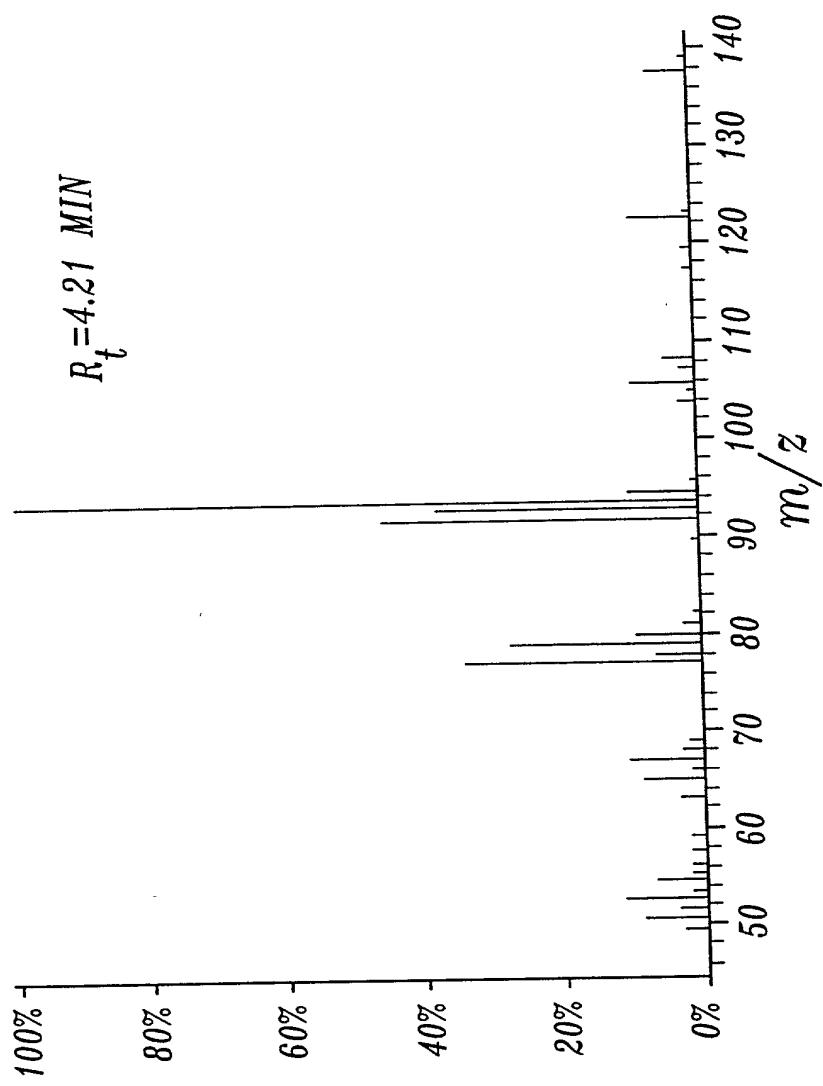


Fig. 9B.

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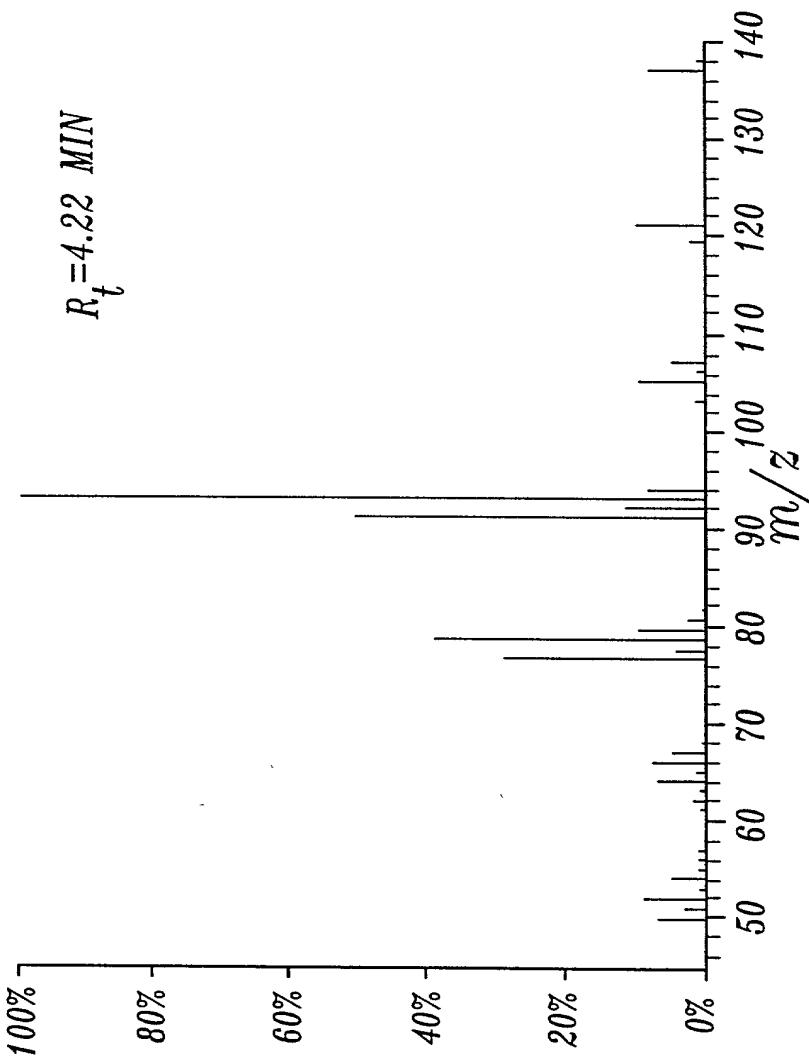


Fig. 9C.